

K832 Cable Datasheet

SC, OA1 8p, open, 1/4, T

Signal cable between CSM measurement module and strain gauge sensor with quarter bridge completion for 120 Ohm resp. 350 Ohm

Description

Signal cables are especially manufactured for CSM. They use a robust line and are characterized by a high interference resistance and a good signal quality. The cable is flexible and chemical resistant, including fuel and oil.

Temperature

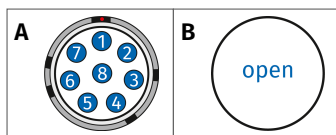
The specified temperature range of the main cable excluding connectors is -40 °C to 150 °C. The specified temperature range for connectors may vary depending on the type (e.g. LEMO B connector: -55 °C to 250 °C; D-Sub: -55 °C to 105 °C; Banana: -40 °C to 80 °C; LEMO Redel: -50 °C to 150 °C).

Bending Radius

5 × Diameter

Connectors

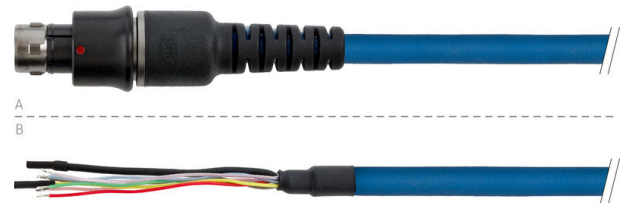
A OA1 8-pole Code: C male
B open



Frontal view connector

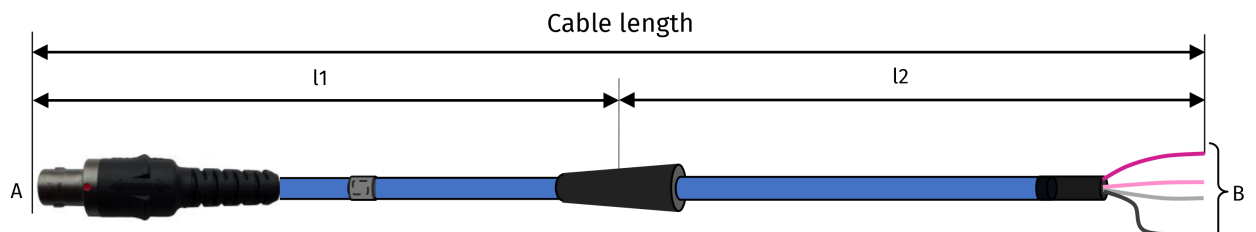
Variants

Item No.	Cable Name	Length
ART1421002	K832-0200 /120	2 m
	l1: 1 m l2: 1 m	
ART1421003	K832-0200 /350	2 m
	l1: 1 m l2: 1 m	
ART1421004	K832-0500 /120	5 m
	l1: 4 m l2: 1 m	
ART1421005	K832-0500 /350	5 m
	l1: 4 m l2: 1 m	
ART1421007	K832-1000 /350	10 m
	l1: 9 m l2: 1 m	



Picture similar to actual product

Overview



Pinning

Con. A Pin	Cable Signal	Wire Color	Circuit	Con. B Wire Color
1	VIN-	purple		purple
2	VIN+	blue		-
3	VOUT-	pink		pink
4	VOUT+	red		red
5	VSENSE-	grey		-
6	VSENSE+	green		-
7	Channel shield	Drain wire		Drain wire
8	Data **)	yellow		-
Housing	Cable shield	-		-
			<p>Channel shield = drain wire</p>	

*) R is 120 resp. 350 ohm, depending on ART

**) Only for measurement modules with TEDS support



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